

Converting Colors

Android(4281206784)

Have a look what the booklet for
Android(4281206784) contains.

Android(4281206784)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281206784)

Conversions

Conversions Part 1

Format	Color
Hex	2E0800
RGB	46, 8, 0
RGB Percent	18%, 3%, 0%
CMY	0.8196, 0.9686, 1.0000
CMYK	0.00, 0.83, 1.00, 0.82
HSL	10°, 100%, 9%
HSV	10°, 100%, 18%
XYZ	1.2135, 0.7545, 0.0817
YIQ	18.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

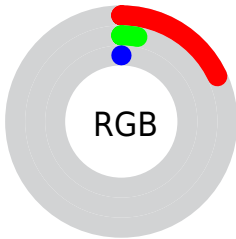
Format	Color
R_{YB}	46, 10, 0
Decimal	3016704
CIE Lab	6.82, 18.52, 10.58
CIE LCh	7, 21.331, 29.743
Yxy	0.7545, 0.5921, 0.3681
Android (android.graphics.Color)	4281206784 (0xFF2E0800)
YUV	18.4500, -9.0958, 24.1614
Hunter-Lab	8.6862, 9.7371, 5.5229

Details

The Android color **4281206784** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4278199854**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4284363824**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281206784**, and if you desaturate by 10%, it is **4281207813**.

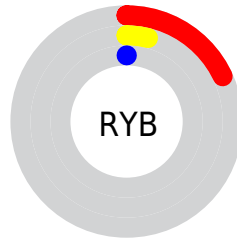
Distribution



Red (18%)

Green (3%)

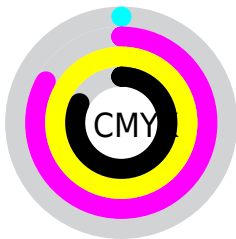
Blue (0%)



Red (18%)

Yellow (4%)

Blue (0%)

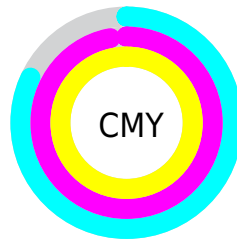


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (82%)



Cyan (82%)


Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281206784 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4281206784 by changing the saturation by 10% instead.

 4281206784

 4281206784

 4294961634

 4278976512


 4284363824

 4278190080

 4286073670

 4287783774

 4289625207

 4291466896

 4293308843

 4294954438

 4281206784

■ 4281207813

■ 4281208841

■ 4281209614

■ 4281210642

■ 4281211671

■ 4281212700

■ 4281213728

■ 4281214501

■ 4281215529

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4281140758



4281206784



4280749824

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281206784



4278197248



4278196017

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4281206784



4278199854

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278197037



4281206784



4278197524

Square

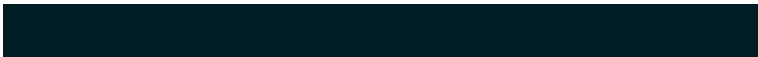
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4281206784



4278917376



4278197539



4279505198

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4281206784



4280292096



4278197539



4278196273

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4281206784



4282068009



4281204774



4280227092



4288585374



4280229663

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4281206784



4282059264



4281212672



4279702805



4283895552



4292224256

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4278199854



4278202427



4278193966



4279572247



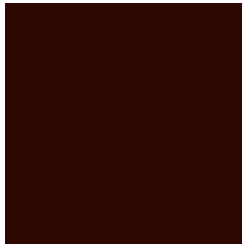
4278208599



4278235606

Previews

White Background



This preview shows how the Android color 4281206784 looks on a white background.

Color Contrast Check

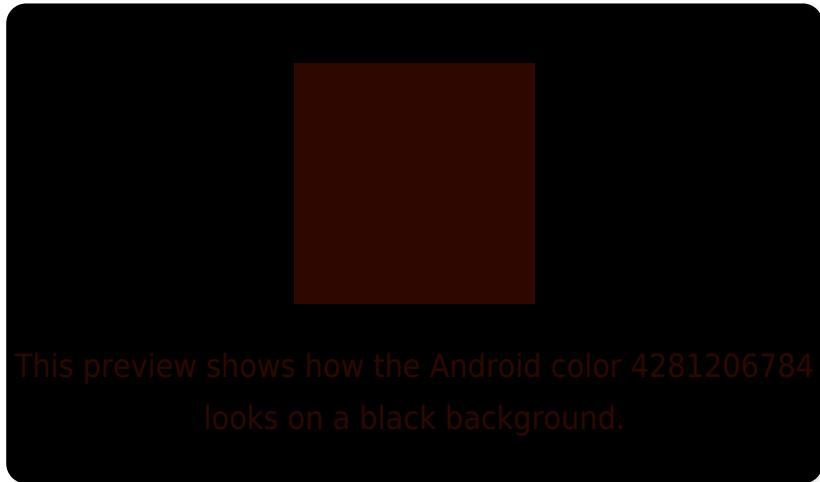
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

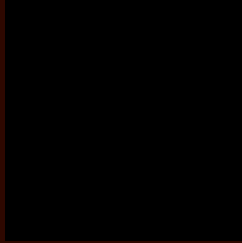
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281206784 Background



This preview shows how black text looks on a background with the Android color 4281206784.

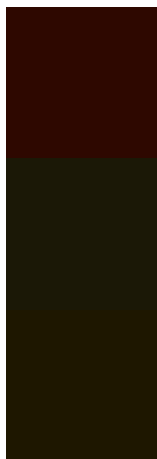


This preview shows how white text looks on a background with the Android color 4281206784.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

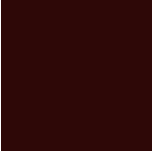
Dichromacy



Original Color
4281206784

Protanopia
4279965702

Deuteranopia
4280162048



Tritanopia
4281206791

Trichromacy



Original Color

4281206784

Protanomaly

4280422916

Deuteranomaly

4280553984

Tritanomaly

4281206788

Monochromacy



Original Color

4281206784

Achromatopsia

4279374354

Achromatomaly

4280028683

CSS Examples

Text

The CSS property to change the color of the text to Android 4281206784 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(46, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(46, 8, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(46, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 8, 0) }
```

Border

The CSS property to change the border of an element to Android 4281206784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 8, 0) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(46, 8, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(46, 8, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 8, 0); box-shadow:4px  
4px 4px 4px rgb(46, 8, 0) }
```

Background

The CSS property to change the background color of an element to Android 4281206784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 8, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(46, 8,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor